地口子 注記は 古りにはいく コール

WHAT IS CLAIMED IS:

1	 In a public key encryption system, a method for selecting a current 	
2	secret key to be used to encrypt a message, the method comprising:	
3	determining whether a new secret key is required;	
4	if a new secret key is required:	
5	generating the new secret key;	
6	generating a new encrypted secret key by encrypting the new secret	
7	key using a public key associated with a recipient of the message;	
8	storing in a local data store the new secret key as a reusable secret key,	,
9	he new encrypted secret key as a corresponding reusable encrypted secret key, and counter	
10	data associated with the reusable secret key; and	
11 12 13 14	selecting as the current secret key the new secret key; and	
12	if a new secret key is not required:	
13	retrieving from the local data store a reusable secret key and the	
7	corresponding reusable encrypted secret key;	
	updating the counter data associated with the reusable secret key in the	;
16	ocal data store; and	
15 16 17	selecting as the current secret key the reusable secret key.	
	2. The method of claim 1, further comprising storing in the local data	
2	,	
3	store state information associated with a cryptographic algorithm in which the reusable secre	ι
3	key is applied.	
1	3. The method of claim 1, wherein determining whether a new secret key	,
2	is required comprises:	
3	determining whether a previous message has been sent to the recipient;	
4	if a previous message has not been sent to the recipient, determining that a	
5	new secret key is required; and	
6	if a previous message has been sent to the recipient:	
7	retrieving the counter data from the local data store; and	
8	comparing the counter data to a reuse criterion;	
9	if the counter data satisfies the reuse criterion, determining that a new	
10	secret key is not required; and	

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encrypted secret key was previously decrypted; and

- 6 if the encrypted secret key is not found in the local data store, determining that
- 7 the encrypted secret key was not previously decrypted.